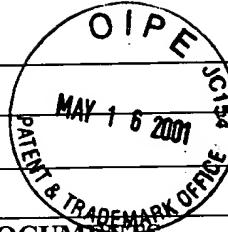


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1636

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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FOREIGN PATENT DOCUMENTS

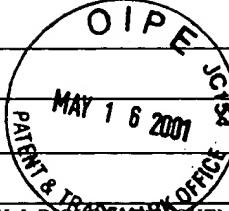
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO
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OTHER DOCUMENTS*(Including Author, Title, Date, Pertinent Pages Etc.)*

YMF	AD	Aslund, F. et al. (1999), <i>Efficient Production of Disulfide Bonded Proteins in the Cytoplasm in "Oxidizing" Mutants of <i>E. Coli</i></i> , INNOVATIONS 10:11.-12 (http://www.novagen.com/SharedImages/TechnicalLiterature/17_nd0d.pdf).
YMF	AE	Mossner, E. et al. (1998), <i>Characterization of <i>Escherichia coli</i> Thioredoxin Variants Mimicking the Active-Sites of Other Thiol/Disulfide Oxidoreductases</i> , PROTEIN SCIENCE 7:1233-44.
YMF	AF	Martin, J. (1995), <i>Thioredoxin - A Fold For All Reasons</i> , STRUCTURE 3:245-50.
YMF	AG	Aslund, F. et al (1999), <i>The Thioredoxin Superfamily: Redundancy, Specificity, and Gray-Area Genomics</i> , J. OF BACTERIOLOGY 181(5):1375-79.
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YMF	AI	Mossner, E. et al. (1999), <i>Importance of Redox Potential for the <i>In Vivo</i> Function of the Cytoplasmic Disulfide Reductant Thioredoxin from <i>Escherichia coli</i></i> , J. BIOL. CHEM. 274(36):25254-59.
YMF	AJ	Rietsch, A. et al. (1998), <i>The Genetics of Disulfide Bond Metabolism</i> , ANNU. REV. GENET. 32:163-84.
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YMF	AN	Prinz, W. A. et al. (1997), <i>The Role of the Thioredoxin and Glutaredoxin Pathways in Reducing Protein Disulfide Bonds in the <i>Escherichia coli</i> Cytoplasm</i> , J. BIOL. CHEM. 272(25):15661-67.
YMF	AO	Debarbieux, L. et al. (1998), <i>The Reductive Enzyme Thioredoxin I Acts as an Oxidant When it is Exported to the <i>Escherichia coli</i> Periplasm</i> , PROC. NATL. ACAD. SCI. USA 95:10751-56.
YMF	AP	Aslund, F. et al. (1997), <i>Redox Potentials of Glutaredoxins and Other Thiol-Disulfide Oxidoreductases of the Thioredoxin Superfamily Determined by Direct Protein-Protein Redox Equilibria</i> , J. BIOLOGICAL CHEM. 272(49):30780-86.

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<i>TMZ</i>	AQ	Jordan, A. et al. (1997), <i>Characterization of Escherichia coli NrdH</i> , J. BIO. CHEM. 272(29):18044-50.	MAY 18 2001 TECH CENTER 1600/2900
<i>TMZ</i>	AR	Aslund, F. et al. (1996), <i>Glutaredoxin-3 from Escherichia coli</i> , J. OF BIOLOGICAL CHEM. 271(12):6736-45.	
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<i>TMZ</i>	AU	Debarbieux, L. et al. (2000), <i>On the Functional Interchangeability, Oxidant versus Reductant, of Members of the Thioredoxin Superfamily</i> , J. of BACTERIOLOGY 182(3):723-27.	
<i>TMZ</i>	AV	Aslund, F. et al. (1999), <i>Bridge Over Troubled Waters: Sensing Stress by Disulfide Bond Formation</i> , CELL 96:751-53.	
<i>TMZ</i>	AW	Kurokawa, Y. et al. (2000), <i>Overexpression of Protein Disulfide Isomerase DsbC Stabilizes Multiple-Disulfide-Bonded Recombinant Protein Produced and Transported to the Periplasm in Escherichia coli</i> , APPLIED AND ENVIRONMENTAL MICROBIOLOGY 66(9):3960-65.	
EXAMINER		<i>In Mr. Four</i>	DATE CONSIDERED July 27, 2002

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